

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		of Transmittal of International Search Report
construct2	ACTION (Form PC1/ISA/2	(20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB 01/03311	23/07/2001	25/07/2000
Applicant		
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HARPAZ, Yehouda		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Aut ansmitted to the International Bureau.	nority and is transmitted to the applicant
This International Search Report consists	of a total of 3 sheets.	
	a copy of each prior art document cited in this	report.
Basis of the report     With regard to the language, the	international search was carried out on the ba	sis of the international application in the
	less otherwise indicated under this item.	old of the international application in the
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of t	he international application furnished to this
		nternational application, the international search
was carried out on the basis of the contained in the internation	e sequence listing : onal application in written form.	Tel.
	ernational application in computer readable form	m.
furnished subsequently to	this Authority in written form.	
furnished subsequently to	this Authority in computer readble form.	
	bsequently furnished written sequence listing one stilled has been furnished.	does not go beyond the disclosure in the
the statement that the info furnished	ormation recorded in computer readable form i	s identical to the written sequence listing has been
2. Certain claims were fou	nd unsearchable (See Box I).	
3. Unity of invention is lac	king (see Box II).	
4. With regard to the <b>title</b> ,		
X the text is approved as su	ubmitted by the applicant.	
the text has been establis	shed by this Authority to read as follows:	
5 Mild append to the object.		
5. With regard to the abstract,	shmitted by the applicant	
the text has been establis	ubmitted by the applicant. shed, according to Rule 38.2(b), by this Author e date of mailing of this international search re	
6. The figure of the <b>drawings</b> to be pub	lished with the abstract is Figure No.	3
X as suggested by the appl	icant.	None of the figures.
because the applicant fai	led to suggest a figure.	
because this figure better	characterizes the invention.	•



International Application No GB 01/03311

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A63F3/02 A63F3/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98 19758 A (GOLAD) 14 May 1998 (1998-05-14) cited in the application the whole document	1
A	GB 2 019 226 A (ATARI) 31 October 1979 (1979-10-31) page 1, line 68 - line 100 page 1, line 114 -page 2, line 8 claims 1-5; figure 1	1
Α	US 4 244 635 A (SASAKI ET AL.) 13 January 1981 (1981–01–13) the whole document	1
Α	WO 99 00165 A (WEINER ET AL) 7 January 1999 (1999-01-07) figures/	1

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:      A* document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
<ul> <li>*E* earlier document but published on or after the international filing date</li> <li>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>*O* document referring to an oral disclosure, use, exhibition or other means</li> <li>*P* document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
25 September 2001	02/10/2001
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Raybould, B

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Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category	Citation of document, with indication, where appropriate, or the relevant passages	nelevani to clasti No.
A	WO 97 26057 A (TIGER ELECTRONICS) 24 July 1997 (1997-07-24) cited in the application the whole document	1
A	GB 2 334 680 A (HARPAZ) 1 September 1999 (1999-09-01) page 2, paragraph 5 page 3, paragraph 3	1
X,P	WO 01 14028 A (HARPAZ) 1 March 2001 (2001-03-01) the whole document	1-11

on on patent family members

interestional Application No GB 01/03311

AU 4728297 A 29-05-199 CN 1235558 A 17-11-199 BEP 0935491 A1 18-08-199 JP 2001503655 T 21-03-200 W0 9819758 A1 14-05-199 US 6231441 B1 15-05-200  GB 2019226 A 31-10-1979 DE 2915137 A1 25-10-197  US 4244635 A 13-01-1981 NONE  W0 9900165 A 07-01-1999 AU 7955598 A 19-01-199 W0 9726057 A 24-07-1997 US 5743796 A 28-04-199 W0 9726057 A 24-07-1997 US 5743796 A 11-08-199 W0 9726057 A 24-07-1999 AU 7430796 A 11-08-199 W0 9726057 A 24-07-1999 AU 2453100 A 16-10-200 AU 3443000 A 16-10-200 W0 0057972 A1 05-10-200 W0 0057972 A1 05-10-200 W0 0057972 A1 05-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 19-03-200 AU 5997000 A 19-03-200 AU 5997000 A 19-03-200 AU 6001000 A 19-03-200 AU 6001000 A 19-03-200 AU 6075972 A1 05-10-200 AU 6017700 A 19-03-200 AU 6075972 A1 05-10-200 AU 67700 A 19-03-200 AU 6075972 A1 05-10-200 AU 67700 A 19-03-200 AU 67700 A 19							u b	01/03311
AU 4728297 A 29-05-199 CN 1235558 A 17-11-199 EP 0935491 A1 18-08-199 JP 2001503655 T 21-03-200 W0 9819758 A1 14-05-199 US 6231441 B1 15-05-200  GB 2019226 A 31-10-1979 DE 2915137 A1 25-10-197 US 4244635 A 13-01-1981 NONE  W0 9900165 A 07-01-1999 AU 7955598 A 19-01-199 W0 9726057 A 24-07-1997 US 5743796 A 28-04-199 W0 9726057 A 24-07-1997 US 5743796 A 11-08-199 W0 9726057 A 24-07-1999 AU 7430796 A 11-08-199 W0 9726057 A1 24-07-199 GB 2334680 A 01-09-1999 AU 2453100 A 16-10-200 AU 3443000 A 19-03-200 AU 5997000 A 19-03-200 AU 5997000 A 19-03-200 AU 5997000 A 19-03-200 AU 6001000 A 19-03-200 AU 6071700 A 19-03-200						•		
W0 9819758 A1 14-05-199	WO	9819758	A	14-05-1998	AU CN EP	4728297 1235558 0935491	' A 3 A . A1	08-05-1998 29-05-1998 17-11-1999 18-08-1999
US 4244635 A 13-01-1981 NONE  WO 9900165 A 07-01-1999 AU 7955598 A 19-01-199 WO 9726057 A 24-07-1997 US 5743796 A 28-04-199 WO 9726057 A 11-08-199 WO 9726057 A 11-08-199 WO 9726057 A1 24-07-199  GB 2334680 A 01-09-1999 AU 2453100 A 16-10-200 WO 0057973 A1 05-10-200 WO 0057972 A1 05-10-200 GB 2339393 A ,B 26-01-200  WO 0114028 A 01-03-2001 AU 2453100 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 5834100 A 19-03-200 AU 5834100 A 19-03-200 AU 6001000 A 19-03-200 AU 6001000 A 19-03-200 WO 0057973 A1 05-10-200 WO 0057973 A1 05-10-200 AU 5997000 A 19-03-200 AU 6001000 A 19-03-200 WO 0057973 A1 05-10-200 WO 0114025 A1 01-03-200 WO 0114026 A1 01-03-200 GB 2345250 A ,B 05-07-200 GB 2345251 A ,B 05-07-200 WO 0114027 A1 01-03-200					WO	9819758	3 A1	14-05-1998 15-05-2001
WO 9900165 A 07-01-1999 AU 7955598 A 19-01-199 WO 9726057 A 24-07-1997 US 5743796 A 28-04-199 WO 9726057 A 11-08-199 WO 9726057 A1 24-07-199  GB 2334680 A 01-09-1999 AU 2453100 A 16-10-200 WO 0057973 A1 05-10-200 WO 0057972 A1 05-10-200 GB 2339393 A ,B 26-01-200 WO 0114028 A 01-03-2001 AU 2453100 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 5834100 A 19-03-200 AU 5997000 A 19-03-200 AU 6071700 A 19-03-200 AU 6171700 A 19-03-200 WO 0057973 A1 05-10-200 WO 0057973 A1 05-10-200 WO 0057973 A1 05-10-200 AU 6997000 A 19-03-200 AU 6071700 A 19-03-200 WO 0057973 A1 05-10-200 WO 0057973 A1 05-10-200 WO 0057973 A1 05-10-200 WO 014025 A1 01-03-200 WO 014025 A1 01-03-200 WO 0114025 A1 01-03-200 GB 2345250 A ,B 05-07-200 GB 2345251 A ,B 05-07-200 WO 0114027 A1	GB	2019226	Α	31-10-1979				25-10-1979 01-11-1979
WO 9726057 A 24-07-1997 US 5743796 A 28-04-199  WO 9726057 A 24-07-1997 US 5743796 A 11-08-199  WO 9726057 A1 24-07-199  GB 2334680 A 01-09-1999 AU 2453100 A 16-10-200  WO 0057973 A1 05-10-200  WO 0057972 A1 05-10-200  GB 2339393 A ,B 26-01-200  WO 0114028 A 01-03-2001 AU 2453100 A 16-10-200  AU 3443000 A 16-10-200  AU 3443000 A 16-10-200  AU 3443000 A 16-10-200  AU 5834100 A 19-03-200  AU 5997000 A 19-03-200  AU 6001000 A 19-03-200  WO 0057973 A1 05-10-200  WO 0057973 A1 05-10-200  WO 0057972 A1 05-10-200  WO 0057973 A1 05-10-200  WO 0057972 A1 05-10-200  WO 0114025 A1 01-03-200  WO 0114026 A1 01-03-200  WO 0114026 A1 01-03-200  GB 2345250 A ,B 05-07-200  GB 2345251 A ,B 05-07-200  WO 0114027 A1 01-03-200	US	4244635	Α	13-01-1981	NONE			
AU 7430796 A 11-08-199 W0 9726057 A1 24-07-199  GB 2334680 A 01-09-1999 AU 2453100 A 16-10-200 W0 0057973 A1 05-10-200 W0 0057972 A1 05-10-200 GB 2339393 A ,B 26-01-200  W0 0114028 A 01-03-2001 AU 2453100 A 16-10-200 AU 3443000 A 16-10-200 AU 3443000 A 16-10-200 AU 5834100 A 19-03-200 AU 5997000 A 19-03-200 AU 6001000 A 19-03-200 AU 6071700 A 19-03-200 W0 0057973 A1 05-10-200 W0 0057972 A1 05-10-200 W0 0057972 A1 05-10-200 W0 0057972 A1 05-10-200 W0 0114025 A1 01-03-200 W0 0114025 A1 01-03-200 GB 2345250 A ,B 05-07-200 GB 2345251 A ,B 05-07-200 W0 0114027 A1 01-03-200	WO	9900165	Α	07-01-1999				19-01-1999 . 07-01-1999
AU 3443000 A 16-10-200 WO 0057973 A1 05-10-200 WO 0057972 A1 05-10-200 GB 2339393 A ,B 26-01-200  WO 0114028 A 01-03-2001 AU 2453100 A 16-10-200 AU 3443000 A 16-10-200 AU 5834100 A 19-03-200 AU 5997000 A 19-03-200 AU 6001000 A 19-03-200 AU 6171700 A 19-03-200 WO 0057973 A1 05-10-200 WO 0057972 A1 05-10-200 WO 0057972 A1 05-10-200 WO 0114025 A1 01-03-200 WO 0114026 A1 01-03-200 GB 2345250 A ,B 05-07-200 GB 2345251 A ,B 05-07-200 WO 0114027 A1 01-03-200	WO	9726057	Α	24-07-1997	AU	7430796	5 A	28-04-1998 11-08-1997 24-07-1997
AU 3443000 A 16-10-200 AU 5834100 A 19-03-200 AU 5997000 A 19-03-200 AU 6001000 A 19-03-200 AU 6171700 A 19-03-200 WO 0057973 A1 05-10-200 WO 0057972 A1 05-10-200 WO 0114025 A1 01-03-200 WO 0114026 A1 01-03-200 GB 2345250 A ,B 05-07-200 GB 2345251 A ,B 05-07-200 WO 0114027 A1 01-03-200	GB	2334680	Α	01-09-1999	AU WO WO	3443000 0057973 0057972	) A 3 A1 2 A1	16-10-2000 16-10-2000 05-10-2000 05-10-2000 26-01-2000
GB 2341107 A 08-03-200 GB 2341108 A 08-03-200 GB 2341109 A ,B 08-03-200	WO	0114028	A	01-03-2001	AU AU AU WO WO WO GB GB GB GB GB	3443000 5834100 5997000 6001000 6171700 0057973 0057973 0114026 2345250 0114027 0114028 2341107 2341108	A A A A A A A A A A A A A A A A A B A A B A A B A B A B	16-10-2000 16-10-2000 19-03-2001 19-03-2001 19-03-2001 05-10-2000 05-10-2000 01-03-2001 05-07-2000 01-03-2001 01-03-2001 01-03-2001 01-03-2001 01-03-2001 08-03-2000 08-03-2000

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A63F3/02 A63F3/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant	passages Relevant to claim No.
Α	WO 98 19758 A (GOLAD) 14 May 1998 (1998-05-14) cited in the application the whole document	1
Α	GB 2 019 226 A (ATARI) 31 October 1979 (1979-10-31) page 1, line 68 - line 100 page 1, line 114 -page 2, line 8 claims 1-5; figure 1	1
A	US 4 244 635 A (SASAKI ET AL.) 13 January 1981 (1981-01-13) the whole document	
А	WO 99 00165 A (WEINER ET AL) 7 January 1999 (1999-01-07) figures	-

<u>^</u>
<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> </ul>
"&" document member of the same patent family
Date of malling of the international search report  02/10/2001
Authorized officer  Raybould, B



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		PC1/GB 1/03311
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 26057 A (TIGER ELECTRONICS) 24 July 1997 (1997-07-24) cited in the application the whole document	1
A	GB 2 334 680 A (HARPAZ) 1 September 1999 (1999-09-01) page 2, paragraph 5 page 3, paragraph 3	1
X,P	WO 01 14028 A (HARPAZ) 1 March 2001 (2001-03-01) the whole document	1-11
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# INTERNATIONAL SEARCH REPORT Information of the family members

PCT/GB 2/03311

		101/45 2/00011		
Patent document cited in search report	Publication date		atent family nember(s)	Publication date
WO 9819758 A	14-05-1998	NL AU CN EP JP 20 WO US	1004407 C2 4728297 A 1235558 A 0935491 A1 01503655 T 9819758 A1 6231441 B1	08-05-1998 29-05-1998 17-11-1999 18-08-1999 21-03-2001 14-05-1998 15-05-2001
GB 2019226 A	31-10-1979	DE JP	2915137 A1 54140631 A	25-10-1979 01-11-1979
US 4244635 A	13-01-1981	NONE		
WO 9900165 A	07-01-1999	AU WO	7955598 A 9900165 A1	19-01-1999 07-01-1999
WO 9726057 A	24-07-1997	US AU WO	5743796 A 7430796 A 9726057 A1	28-04-1998 11-08-1997 24-07-1997
GB 2334680 A	01-09-1999	AU AU WO WO GB	2453100 A 3443000 A 0057973 A1 0057972 A1 2339393 A ,B	16-10-2000 16-10-2000 05-10-2000 05-10-2000 26-01-2000
WO 0114028 A	01-03-2001	AU AU AU AU AU AU AU AU AU AU AU AU AU A	2453100 A 3443000 A 5834100 A 5997000 A 6001000 A 6171700 A 0057973 A1 0057972 A1 0114025 A1 0114026 A1 2345250 A ,B 2345251 A ,B 0114027 A1 0114028 A1 2341107 A 2341108 A 2341110 A 2341111 A	16-10-2000 16-10-2000 19-03-2001 19-03-2001 19-03-2001 19-03-2001 05-10-2000 05-10-2000 01-03-2001 05-07-2000 01-03-2001 01-03-2001 01-03-2001 01-03-2001 01-03-2000 08-03-2000 08-03-2000 08-03-2000 08-03-2000